PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB coalest with the control of the coalest with the coa

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Under the Paperwork Reduction Act of 1995, no persons are required to		ation unless it displays a valid OMB control number.	
UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.	NPW 304E	
	First Inventor	David J. Edlund	
	Title	Hydrogen-Selective Metal Membranes, Membrane Modules, Purification Assemblies and Methods of Forming the Same	
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Everess Mail Lahel No	EV 325399763 US	

			Ioner for Patents		
Sac MDER	APPLICATION ELEMENTS	ADDITESS TO. P.O. Box	Patent Application 1450		
See MPER	chapter 600 concerning utility patent application contents.		a VA 22313-1450		
1. Fee Ti (Submi) 2. Applic See 3 3. Specifi (preferior - Desconsiste - Referior a consiste - Bariefi - Detain - Abstromation - Abstromati	ransmittal Form (e.g., PTO/SB/17) it an original and a duplicate for fee processing) cant claims small entity status. 7 CFR 1.27. filication [Total Pages 60] red arrangement set forth below) riptive title of the invention s Reference to Related Applications sment Regarding Fed sponsored R & D rence to sequence listing, a table, computer program listing appendix ground of the Invention Summary of the Invention Description of the Drawings (if filed) illed Description n(s) ract of the Disclosure ng(s) (35 U.S.C. 113) [Total Sheets 10]	7. CD-ROM or CD-R in dupl Computer Program (Appe 8. Nucleotide and/or Amino Acid (if applicable, all necessary) a. Computer Reader F. b. Specification Seque i. CD-ROM or C ii. Paper c. Statements verifying ACCOMPANYING AF 9. Assignment Papers (con 10. 37 CFR 3.73(b) Statemen (when there is an assign English Translation Doc 12. Information Disclosure Statement (IDS)/PTO-1. 13. Preliminary Amendment Return Receipt Postcar (Should be specifically if Certified Copy of Priority is clair (if foreign priority is clair 16. Nonpublication Request	icate, large table or andix) Sequence Submission orm (CRF) ence Listing on: D-R (2 copies); or g identity of above copies PPLICATION PARTS ver sheet & document(s)) ent Power of Attorney current (if applicable) Citations t d (MPEP 503) temized) y Document(s) med) t under 35 U.S.C. 122 ust attach form PTO/SB/35		
19 If a CONT	INTUNO ADDITIONAL Shork appropriate box, and sur	-ti-the requisite information holow as	of in the first contains of the		
	INUING APPLICATION, check appropriate box, and sup Illowing the title, or in an Application Data Sheet under 3	37 CFR 1.76:			
✓ Conti		ation-in-part (CIP) of prior application	on No.: 10/196,329		
Prior application	information: Examiner Robert H. Spitze	er Art Unit: 1724			
5b, is considere	FION OF DIVISIONAL APPS only; The entire disclosure of the d a part of the disclosure of the accompanying continuation on can only be relied upon when a portion has been inadve	n or divisional application and is hereby	incorporated by reference.		
1110 11100 1100		IDENCE ADDRESS	Janon Parto.		
Custome	or Number or Bar Code Label 23	3581 OR [Correspondence address below		
Custome	(Insert Customer No. or	Attach bar code label here)	Correspondence address below		
Name	David S. D'Ascenzo				
Address Kolisch Hartwell, P.C. 520 S.W.Yamhill Street, Suite 200					
Country	United States 7	[503] 224-6655	Fax (503) 295-6679		
Name (Print/Ty	(pe) David S. D'Ascenzo	Registration No. (Attorney/Agent)	39,952		
Signature			Date July 21 2003		

This collection of information is required by 37 SER 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known				
		Application Number				
for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision.		Filing Date	July 21, 2003			
		First Named Inventor	David J. Edlund			
		Examiner Name				
Applicant claims small entity status. S	See 37 CFR 1.27	Art Unit				
TOTAL AMOUNT OF PAYMENT	(\$) 966.00	Attorney Docket No.	NPW 304E			

METH	OD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
✓ Check	Credit card Money Other None	3. Al	ITIDO	ONAL	FEE	:S	
Deposit A	Order Order	Large !	Entity	Small	Entity		
Deposit		Fee Code	Fee (\$)		Fee (\$)	Fee Description	Eoo Doid
Account	11-1540	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit	Kolisch Hartwell, P.C.	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name	Rollsch Hartwell, P.C.					cover sheet	
	authorized to: (check all that apply)	1053	130	1053 1812		Non-English specification For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1	2,520	l .	_,	· · · · · · · · · · · · · · · · · · ·	
✓ Charge any	additional fee(s) during the pendency of this application	1804	920*	1804	920	Requesting publication of SIR prior to Examiner action	
	s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-ide	entified deposit account.	1251	110	2251	55	Examiner action Extension for reply within first month	
	FEE CALCULATION_	1251	410	2252	205	Extension for reply within second month	
1. BASIC FI		1252	930	2252		Extension for reply within third month	
Large Entity S Fee Fee I	mall Entity Fee Fee Fee Description Fee Paid	,	1,450	2254	725		
	Code (\$)			l		Extension for reply within fourth month Extension for reply within fifth month	
1001 750	2001 375 Utility filing fee 750.00		1,970	2255	985	' '	
1002 330	2002 165 Design filing fee	1401	320	2401		Notice of Appeal	
1003 520	2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal	
1004 750	2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing	
1005 160	2005 80 Provisional filing fee		1,510	1451	.,	Petition to institute a public use proceeding	
,	SUBTOTAL (1) (\$) 750.00	1452	110	2452		Petition to revive - unavoidable	
2 EXTRA C	LAIM FEES FOR UTILITY AND REISSUE		1,300	2453		Petition to revive - unintentional	
I EXITA	Fee from	1501	1,300	2501		Utility issue fee (or reissue)	
Total Claims	Extra Claims below Fee Paid 32 -20** = 12 x 18.00 = 216.00	1502	470	2502		Design issue fee	
Independent	$01 - 3^{**} = 0 \times 84.00 = 0.00$	1503	630	2503 1460		Flant issue fee Petitions to the Commissioner	
Claims Multiple Deper		1460	130			``	
Large Entity	Small Entity	1807	50	1807		Processing fee under 37 CFR 1.17(q)	
Fee Fee	Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt Recording each patent assignment per	
Code (\$)	Code (\$) 2202 9 Claims in excess of 20	8021	40	802	1 40	property (times number of properties)	
1202 18 1201 84	2202 9 Claims in excess of 20 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280	2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	
1204 84	2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
	SUBTOTAL (2) (\$) 216.00	Other	fee (sp	ecify) _	-		
**or number	SUBTOTAL (2) (\$\frac{16.00}{216.00} \] The previously paid, if greater; For Reissues, see above	*Red	uced by	Basic I	Filing F	Fee Paid SUBTOTAL (3) (\$) 0.00]

SUBMITTED BY (Complete (if applicable)						
Name (Print/Type)	David S. D'Ascenze	Registration No. (Attorney/Agent)	39,952	Telephone	(503) 224-6655	
Signature /	A A BIN			Date	July 21, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.